

DAFTAR PUSTAKA

- Arastounia, M., & Lichti, D. D. (2021). *Simultaneous identification, modeling and registration refinement of poles using laser scanning point clouds*. *ISPRS Journal of Photogrammetry and Remote Sensing*, 181, 327-344. <https://doi.org/10.1016/j.isprsjprs.2021.09.017>
- Benedek, C., Majdik, A., Nagy, B., Rozsa, Z., & Sziranyi, T. (2021). *Positioning and perception in LIDAR point clouds*. *Digital Signal Processing*, 119. <https://doi.org/10.1016/j.dsp.2021.103193>
- Bernardini, F., Mittleman, J., Rushmeier, H., Silva, C., & Taubin, G. (1999). The ball-pivoting algorithm for surface reconstruction. *IEEE Transactions on Visualization and Computer Graphics*, 5(4), 349–359. <https://doi.org/10.1109/2945.817351>
- Chakraborty, T. (2022). *Interior Ball-Pivoting on Point Clouds for Offsetting Triangular Meshes*. *Computer-Aided Design and Applications*, 19(4), 662–676. <https://doi.org/10.14733/cadaps.2022.662-676>.
- Daria, Kosavchenko. (2020). *BIM geometry creation from point clouds*.
- Sketchfab.com. (2019, 7 Mei). *Bahnhof N. [Nordpol] - 2 / Photogrammetry / 4h*. Diakses pada 2 September 2022, dari <https://sketchfab.com/3d-models/bahnhof-n-nordpol-2-photogrammetry-4h-1e8be07c7e5741048233c9f5153cf5d5>
- Digne, J. (2014). *An analysis and implementation of a parallel ball pivoting algorithm*. *Image Processing On Line*, 4, 149-168. <https://doi.org/10.5201/ipol.2014.81>
- Dewi, E. T. K., Agoestanto, A., & Sunarmi, S. (2016). *Metode least trimmed square (lts) dan mm-estimation untuk mengestimasi parameter regresi ketika terdapat outlier*. *Unnes Journal of Mathematics*, 5(1), 47-54.
- Efendy, Z. (2018). *Normalisasi dalam desain database*. *Jurnal CoreIT*, 4(1), 37-38.
- Garrett, T., Debernardis, S., Oliver, J., & Radkowski, R. (2017). *Poisson mesh reconstruction for accurate object tracking with low-fidelity point clouds*. *Journal of Computing and Information Science in Engineering*, 17(1). <https://doi.org/10.1115/1.4034324>
- Free3d.com. (2019, 29 November). *GameReady Cottage 3D Model*. Diakses pada 21 Maret 2021, dari <https://free3d.com/3d-model/gameready-cottage-free-163528.html>
- Howse, Joseph. (2013). *OpenCV computer vision with python*. Birmingham: Packt Publishing.



- Jayakumari, R., Nidamanuri, R. R., & Ramiya, A. M. (2021). *Object-level classification of vegetable crops in 3D LiDAR point cloud using deep learning convolutional neural networks*. *Precision Agriculture*, 22(5), 1617-1633. <https://doi.org/10.1007/s11119-021-09803-0>
- Jonas, J. (2017). *3D Smart Sensor*.
- Merko.lv. (2021, 21 Mei). *Sample of Demo Data*. Diakses pada 31 Agustus 2022, dari <http://www.merko.lv/en/demo-data>
- King, B., Rennie, A., & Bennett, G. (2021). *An efficient triangle mesh slicing algorithm for all topologies in additive manufacturing*. *The International Journal of Advanced Manufacturing Technology*, 112(3), 1023-1033. <https://doi.org/10.1007/s00170-020-06396-2/Published>
- Kulawiak, M., & Lubniewski, Z. (2020). *Improving the accuracy of automatic reconstruction of 3d complex buildings models from airborne lidar point clouds*. *Remote Sensing*, 12(10), 1643. <https://doi.org/10.3390/rs12101643>
- Kulawiak, M. (2022). *A cost-effective method for reconstructing city-building 3d models from sparse lidar point clouds*. *Remote Sensing*, 14(5), 1278. <https://doi.org/10.3390/rs14051278>
- Liu, H., Zhang, Y., Lei, L., Xie, H., Li, Y., & Sun, S. (2020). *Hierarchical optimization of 3D point cloud registration*. *Sensors (Switzerland)*, 20(23), 1–20. <https://doi.org/10.3390/s20236999>
- Lubanovic, B. (2014). *Introducing python: modern computing in simple packages*. " O'Reilly Media, Inc.
- Mansor, H., Shukor, S. A. A., & Wong, R. (2021). *An overview of object detection from building point cloud data*. *Journal of Physics: Conference Series*, 1878(1). <https://doi.org/10.1088/1742-6596/1878/1/012058>
- Marizan, Yosy, SS. Purwanto, & Mega Yunanda. (2019). *Studi literatur tentang penggunaan autodesk revit studi kasus perencanaan puskesmas sukajadi kota prabumulih*. *Jurnal Teknil Sipil UNPAL*. Vol 9, No.1
- Ma, W., & Li, Q. (2019). *An improved ball pivot algorithm-based ground filtering mechanism for LiDAR data*. *Remote sensing*, 11(10), 1179. <https://doi.org/10.3390/rs11101179>
- Mileff, P., & Dudra, J. (2019). *Simplified voxel based visualization*. *Production systems and information engineering*, 8, 5–18. <https://doi.org/10.32968/psaie.2019.001>
- Minetto, R., Volpato, N., Stolfi, J., Gregori, R. M. M. H., & da Silva, M. V. G. (2017). *An optimal algorithm for 3D triangle mesh slicing*. *CAD Computer Aided Design*, 92, 1–10. <https://doi.org/10.1016/j.cad.2017.07.001>
- Mordvintsev, A. (2017). *OpenCV-Python Tutorials Documentation Release 1*.



- Park, Y., & Guldman, J. M. (2019). *Creating 3d city models with building footprints and lidar point cloud classification: a machine learning approach*. *Computers, Environment and Urban Systems*, 75, 76–89. <https://doi.org/10.1016/j.compenvurbsys.2019.01.004>
- Patro, S. G. K., & sahu, K. K. (2015). *Normalization: a preprocessing stage*. IARJSET, 20–22. <https://doi.org/10.17148/iarjset.2015.2305>
- Peraturan Pemerintah Republik Indonesia Nomor 16 Tahun 2021 Tentang Peraturan Pelaksanaan Undang-undang Nomor 28 Tahun 2002 Tentang Bangunan Gedung.
- Putra, I. W. K. E. (2016). *Sistem Kerja Sensor Laser pada LIDAR*. J. Media Komun. Geogr, 17(1), 59-70. ISSN : 0216-8138.
- Rastiveis, H., Shams, A., Sarasua, W. A., & Li, J. (2020). *Automated extraction of lane markings from mobile LiDAR point clouds based on fuzzy inference*. *ISPRS Journal of Photogrammetry and Remote Sensing*, 160, 149-166. <https://doi.org/10.1016/j.isprsjprs.2019.12.009>
- Schroeder, W. J., Zarge, J. A., & Lorensen, W. E. (1992). *Decimation of triangle meshes*. In *proceedings of the 19th annual conference on Computer graphics and interactive techniques* (pp. 65-70). <https://doi.org/10.1145/133994.134010>
- Free3d.com. (2019, 20 November). *Bambo House 3D Model*. Diakses pada 14 Oktober 2019, dari <https://free3d.com/3d-model/bambo-house-47896.html>
- Free3d.com. (2019, 20 November). *Cyprys House 3D Model*. Diakses pada 13 Oktober 2019, dari <https://free3d.com/3d-model/bambo-house-47896.html>
- Wang, B., Wang, Q., Cheng, J. C., Song, C., & Yin, C. (2022). *Vision-assisted BIM reconstruction from 3D LiDAR point clouds for MEP scenes*. *Automation in Construction*, 133, 103997. <https://doi.org/10.1016/j.autcon.2021.103997>
- Sketchfab.com. (2019, 21 Juni). *Single Family Home – Basement*. Diakses pada 31 Agustus 2022, dari <https://sketchfab.com/3d-models/single-family-home-basement-0b8e29046c6542e48dd712bdeed691f5>
- Wu, Q., Yang, H., Wei, M., Remil, O., Wang, B., & Wang, J. (2018). *Automatic 3D reconstruction of electrical substation scene from LiDAR point cloud*. *ISPRS Journal of Photogrammetry and Remote Sensing*, 143, 57–71. <https://doi.org/10.1016/j.isprsjprs.2018.04.024>
- Zhou, Q.-Y., Park, J., & Koltun, V. (2018). *Open3D: A Modern Library for 3D Data Processing*. <http://arxiv.org/abs/1801.09847>